Furth Frenched

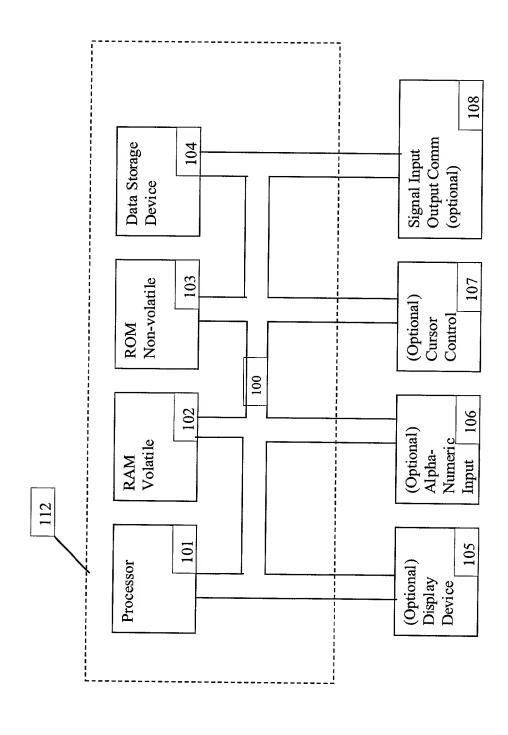


Figure 2

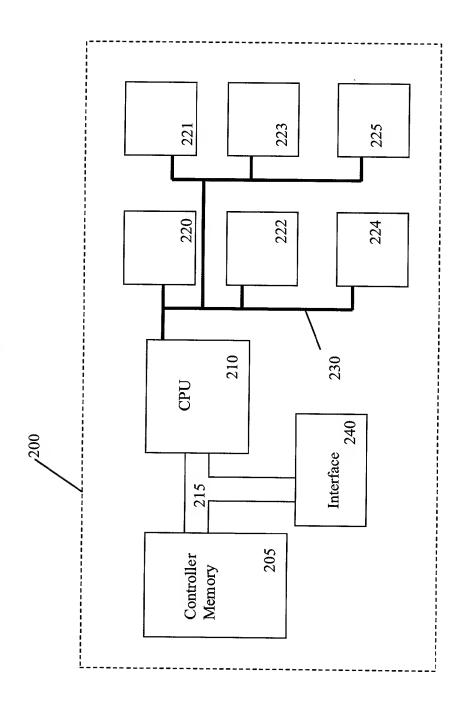
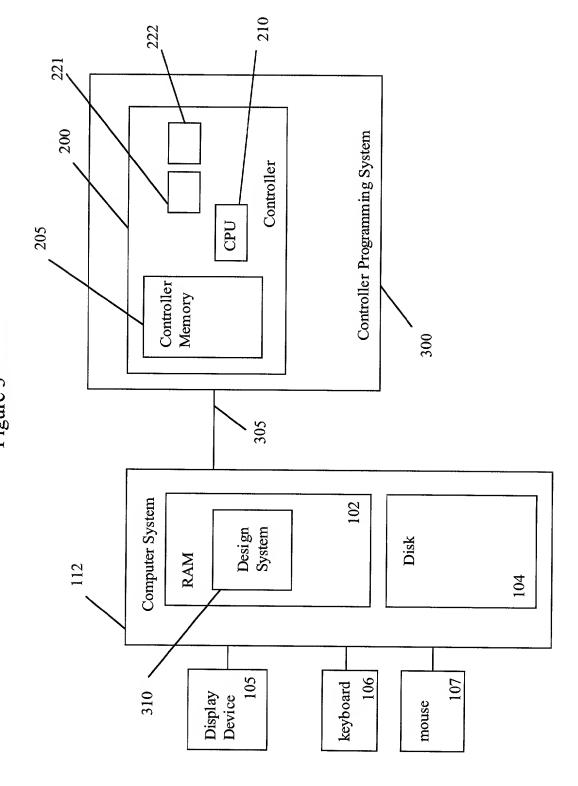
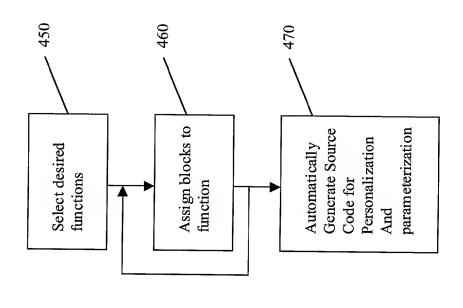
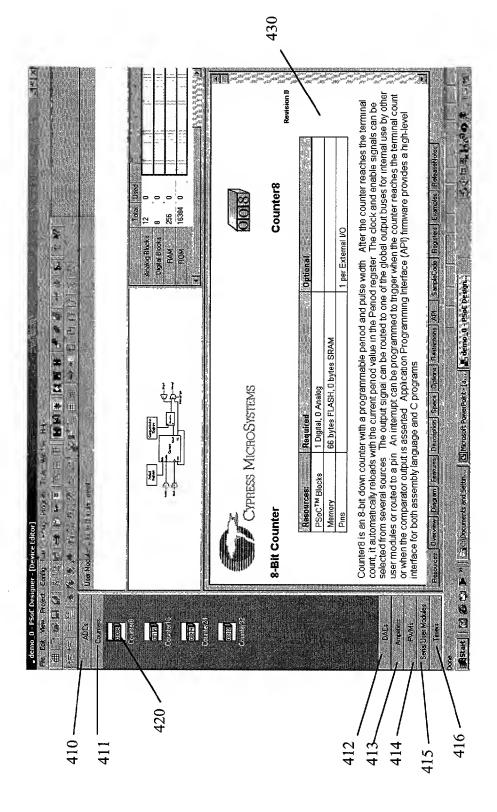
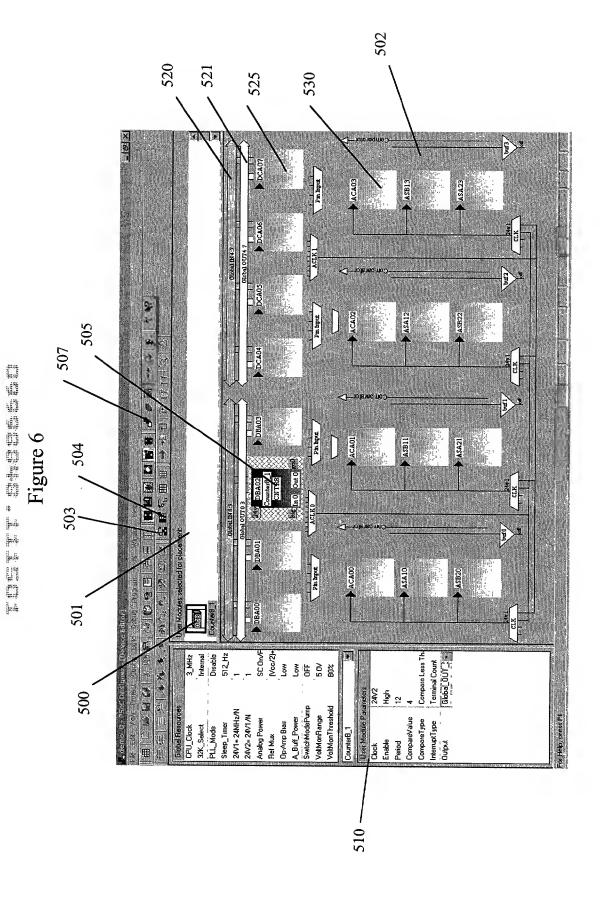


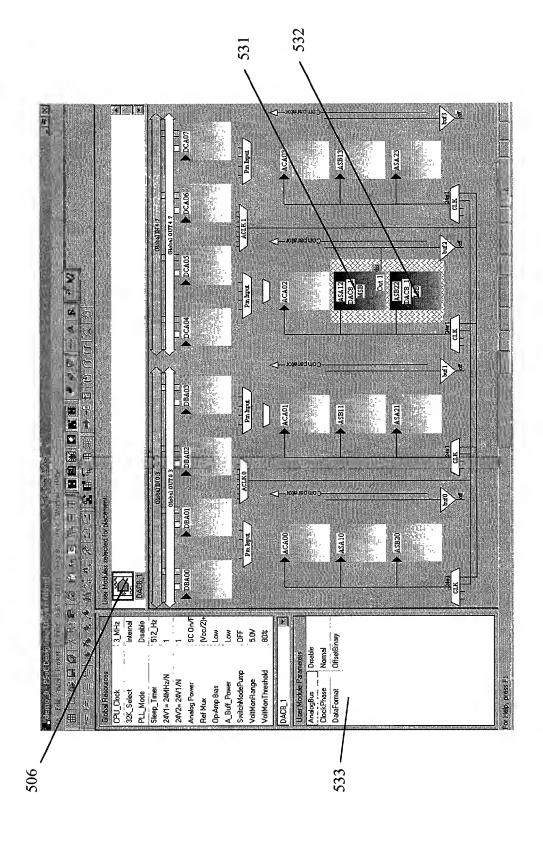
Figure 3











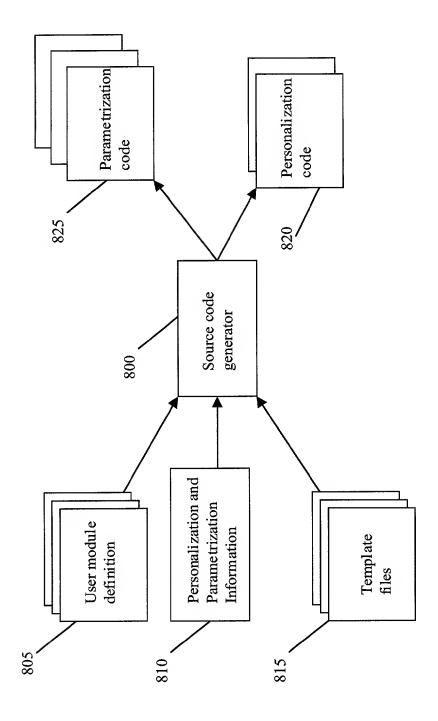
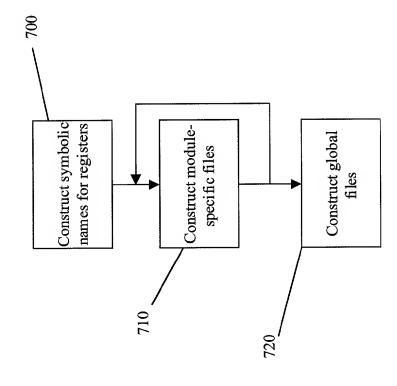


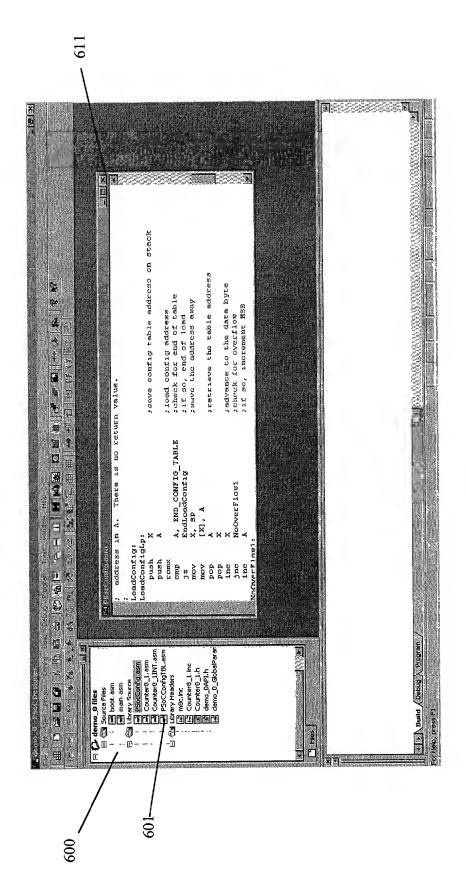
Figure 8B



## 

Figure 9

```
; First instruction executed following a Reset
                                                      ; Interrupt vector table entries are 4 bytes long and contain the code
                                                                                                                                                                                                                                                                                                                                                                                                     ; PSoC Block DBA00 Interrupt Vector
                                                                                                                                                                                                                                                                                 ; Supply Monitor Interrupt Vector
                                                                                 ; that services the interrupt (or causes it to be serviced).
                                                                                                                                                                                                ; Reset Interrupt Vector
                                                                                                                                           AREA TOP(ROM, ABS)
; Interrupt Vector Table
                                                                                                                                                                                                                                                                                                                     `@INTERRUPT_1`
                                                                                                                                                                                                                                                                                                                                                                                                                                     @INTERRUPT_2
                                                                                                                                                                                                                                  jmp_start
                                                                                                                                                                                                                                                                                         org 04h
                                                                                                                                                                                                                                                                                                                                                                                                          org 08h
                                                                                                                                                                                                       org 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    reti
                                                                                                                                                                                                                                                                                                                                                                                633
```





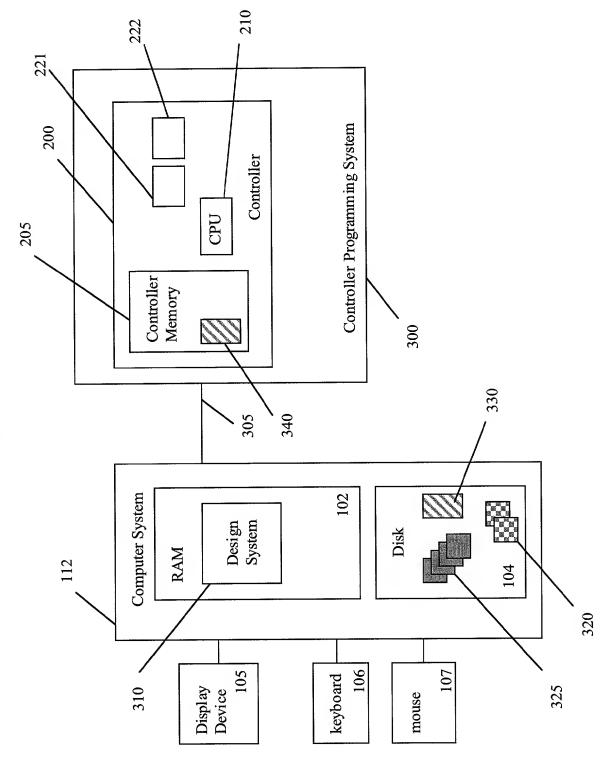
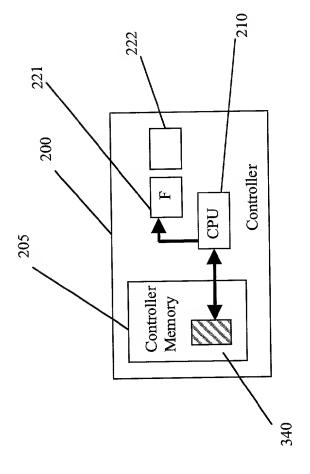


Figure 12



LoadConfigTBL\_demo\_0\_Bank0:

	; AnalogColumnInputSelect register	; AnalogReferenceControl register	; AnalogSyncControl register	; DecimatorControl register	; Port_0_Bypass register	; Port_l_Bypass register	; Port_2_Bypass register	; Port_3_Bypass register	; Port_4_Bypass register	; Port_5_Bypass register			;Counter8_1_CONTROL_REG	;Counter8_1_PERIOD_REG	;Counter8_1_COMPARE_REG	
	60h, 28h	63h, 05h	65h, 00h	e6h, 00h	02h, 03h	06h, 00h	0ah, 00h	0eh, 00h	12h, 00h	16h, 00h	Counter8	e CNTR8(DBA02)	2bh, 00h	29h, 0ch	2ah, 04h	ffh
; Global Register values	db	qp	ф	qp	db	db	db	đb	db	db	; Instance name Counter8_1, User Module Counter8	; Instance name Counter8_1, Block Name CNTR8(DBA02)	db	db	db	db

**\** 632

## Figure 14

; THEORY of OPERATION:

; Write data into the Period register.

Counter8\_1\_WritePeriod:

\_Counter8\_1\_WritePeriod:

mov REG[Counter8\_1\_PERIOD\_REG], A

ret

## Figure 15

	2bh ;Control register	28h ;Counter register	29h ;Period value register	2ah ;CompareValue register	28h ;Function register	29h ;Input register	2ah ;Output register
	nbə	edn	nbə	edn	nbə	nbə	nbə
; Registers used by counter8	Counter8_1_CONTROL_REG:	Counter8_1_COUNTER_REG:	Counter8_1_PERIOD_REG:	Counter8_1_COMPARE_REG:	Counter8_1_FUNC_REG:	Counter8_1_INPUT_REG:	Counter8_1_OUTPUT_REG:

; end of file

## 

Figure 16